

**ANDHRA PRADESH SOLAR POWER CORPORATION PVT LTD  
(A J V COMPANY OF GOVT OF ANDHRA PRADESH AND GOVT OF INDIA)**

**KURNOOL ULTRA MEGA SOLAR PARK (1000MW),**

**KADAPA ULTRA MEGA SOLAR PARK (500MW),**

**ANANTHAPURAMU ULTRA MEGA SOLAR PARK (1500 MW)**

**&**

**ANANTHAPURAMU-II ULTRA MEGA SOLAR PARK (500 MW)**

**BIDDING DOCUMENTS  
FOR THE WORK OF**

**Name of work:** Procurement of Spares for 220/33kV Pooling Substations at Kurnool, Kadapa, Ananthapuramu-I& Ananthapuramu-II Ultra Mega Solar Parks –Reg.

**TWO PART BID with Reverse Auction**

**TENDER SPECIFICATION**

**NOTICE INVITING TENDERS (NIT)**

**GeM Tender Notice No. 01-2023-24/ APSPCL/EE-Tech, Dt.20.03.2024**

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## **TENDER NOTICE**

### **GeM Tender Notice No. 01-2023-24/ APSPCL/EE-Tech, Dt.20.03.2024**

1.	Department Name	Andhra Pradesh Solar Power Corporation Pvt Limited (A J V Company of Govt. of Andhra Pradesh And Govt. Of India)
2.	Circle/Division Name	Executive Engineer/Tech./APSPCL/Tadepalli, Guntur District-522501
3.	Tender Notice No.	GeMTenderNoticeNo.01-2023-24/APSPCL/EE-Tech, Dt.20.03.2024
4.	Name of Work	APSPCL- Procurement of spares for 220/33KV Pooling Stations at Kurnool, Kadapa Anathapuramu-I & Anathapuramu- II Ultra Mega Solar Parks –Reg
5.	Estimated Contract Value (Approximately)	<b>Rs. 1,35,89,141/-</b> (Rupees One Crore Thirty Five Lakhs Eighty Nine Thousand One Hundred and Forty Only/-) (Excluding GST) as detailed Below: 80 MVA Toshiba Transformer Spares ECV@ Rs. 47,73,697/- GE/ALSTOM Make Relay Spares@ Rs.12,09,054.20/- Siemens Make Spares@ Rs. 76,06,390/-
6.	Period of Contract	<b>180 days</b>
7.	Performance Bank Guarantee:	<b>5% value of ECV, for a period of 24 months</b>
8.	Form of Contract	L.S
9.	Tender Type	Open tenders by reverse tendering process
10.	Tender Category	Supply of spares
11.	Bid Security	80MVA Toshiba Transformer Spares@1% of ECV (i.e., Rs. 47,737) GE/ALSTOM Make Relay Spares @1% of ECV (i.e, Rs. 12,091) Siemens Make Spares @1% of ECV (i.e, Rs.76,064)
12.	Bid Security Payable	By way of online payment through GeM portal.
13.	Processing Fee	Not Applicable
14.	Schedule Available Date & Time	20.03.2024, 5:00 P.M.
15.	Schedule Closing Date & Time	18.04.2024, 4:00 P.M.
16.	Bid Submission closing Date & time	18.04.2024, 5:00 P.M.
17.	Bid Submission	<b>Online</b>
18.	Bid Validity	180 days from the date of opening of the price bid.
19.	Pre Bid Meeting	04.04.2024, 11:00 A.M
20.	Opening of PQ bid	19.04.2024, 3:00 P.M
21.	Opening of Commercial Bid and e-Auction (Reverse Tendering)	22.04.2024, from 11:00 A.M. (Onwards)
22.	Opening of Technical Bid	24.04.2024, 11:00 A.M

23.	Eligibility Criteria	<p><b><u>1. Registration:</u></b></p> <p>(i) The bidder shall submit authorization letter from original equipment manufacturer / its authorized channel/implementation partner of the OEM before awarding of contract.</p> <p>(ii) The firm should have valid registration from Registrar of Firms or Register of Companies.</p> <p>(iii) Registration under process is not acceptable.</p> <p><b><u>2. Experience:</u></b></p> <p>i) The bidders should have supplied the equipment/spares to the 220kV level or above Substations at the State/Central Govt. or any State/Central PSU for a value not less than 100% of the estimated value in any one year during the last five financial years.</p> <p>ii) The firm shall furnish solvency certificate for a value not less than 50% of the estimated contract value The Solvency Certificate shall not be older than 12 months and shall be issued by any nationalized / scheduled banks.</p> <p>iii) Annual average turnover certificate for a minimum 100% value of during the last three preceding financial years.</p> <p><b>The Bids will be opened only for the bidders who have uploaded valid experience certificates.</b></p> <p>iv) No weightage will be given to previous experience</p>
24.		<p><b><u>3. General:</u></b></p> <p><i>Responsibility for correctness of the information submitted in the online bid lies with the bidder. If any information furnished in the bid is proved to be false at a later date, the bid will not only be rejected but the bidder will be BLACKLISTED.</i></p>
25.	Place of Opening of Tenders	In the chambers of Chief Executive Officer/ APSPCL, Tadepalli, Guntur District -522 501.
26.	Officer Inviting Bids	Chief Executive Officer/ APSPCL, Tadepalli, Guntur District, A.P. – 522 501.
27.	Address	Chief Executive Officer/ APSPCL, Flat No. 401, 4 <sup>th</sup> Floor, Garuda Enclave, Beside T.G. Plaza, Tadepalli, Guntur District, A.P. – 522 501. E-Mail: <a href="mailto:md.apspcl@gmail.com">md.apspcl@gmail.com</a> , <a href="mailto:md.apspcl@ap.gov.in">md.apspcl@ap.gov.in</a> , <a href="mailto:eetech.apspcl@gmail.com">eetech.apspcl@gmail.com</a>
28.	Contact Details	Executive Engineer/Tech/APSPCL, Flat No. 401, 4 <sup>th</sup> Floor, Garuda Enclave, Beside T.G. Plaza, Tadepalli, Guntur District, A.P. – 522501. Phone numbers: 08645-274041, E-Mail: <a href="mailto:md.apspcl@gmail.com">md.apspcl@gmail.com</a> , <a href="mailto:md.apspcl@ap.gov.in">md.apspcl@ap.gov.in</a> , <a href="mailto:eetech.apspcl@gmail.com">eetech.apspcl@gmail.com</a>
29.	Procedure for bid submission	<p>(a) The tender should be in the prescribed forms which can be obtained from GeM platform from the date of electronic publication up to the time and date indicated in the tender notice. The intending bidders shall enroll themselves on the Government e Market-place <a href="http://www.gem.gov.in">www.gem.gov.in</a> those contractors who register themselves in the Government e Market-place can download the tender schedules at</p>

		<p>free of cost. The bidders shall authenticate the bid with their details for submitting the bid electronically on GeM platform.</p>
		<p>(b) Intending bidders can contact office of the Executive Engineer/ Technical/APSPCL/ Tadepalli, Guntur District –522 501 for any clarification/information on any working day during working hours</p> <p>(c) The bidders who are desirous of participating in Government e Market-place shall submit their bids etc., in the standard formats prescribed in the tender documents, displayed at GeM Platform. The bidders should invariably upload the statement showing the list of documents etc., in the Government e Market-place in support of their Technical bids. The bidder should upload scanned copies of all relevant certificates. The bidder shall sign on all the statements, documents, certificates, uploaded by him, owning responsibility for their correctness / authenticity</p> <p>(d) Technical bid evaluation of the bidders would be done on the certificates/documents furnished by the bidder against qualification criteria.</p> <p>a) The bidders shall invariably upload the scanned copy of receipt of online money transfer through RTGS/NEFT. The successful bidder shall furnish the original of the same either personally or through courier or by post within the stipulated time specified by the purchaser</p> <p>The bidder shall invariably upload the following</p> <ul style="list-style-type: none"> <li>i) Documentary evidence to establish the quantity supplied so far such as invoices , DCs, GST documents</li> <li>ii) Performance reports to meet the QR-performance</li> <li>iii) Documents in respect of financial turnover of last five years.</li> <li>iv) Type test reports</li> <li>v) Guaranteed technical Particulars, drawings etc</li> </ul> <p>The bidder shall furnish the declaration that:</p> <ul style="list-style-type: none"> <li>i) They have not been black listed in any department in <b>state/central</b> due to any reasons.</li> <li>ii) They will agree to get disqualified themselves for any wrong declaration in respect of the above and get their Bid summarily rejected.</li> </ul> <p>The soft copies uploaded by them are genuine. Any incorrectness/deviations noticed will be viewed seriously and apart from canceling the work duly forfeiting the Bid security, criminal action will be initiated including suspension of business and/or black listing.</p>

30	Procedure for Online Reverse Auction	<p><b>1. Reverse Tendering as per GEM Process:</b> The following reverse tendering procedure will be followed as per GeM platform policies.</p> <ol style="list-style-type: none"> <li>a) All bidders shall self-declare their details under each technical document by giving undertaking and confirming their compliance with the same in the Government e Market website.</li> <li>b) All bidders shall submit supporting documents for their submittals under each technical and financial criterion. In case of documents found to be defective, incorrect or forged and therefore claim of qualification is not supported, severe action including forfeiture of EMD shall be taken and there will be provision for banning for participating in future tenders in DVC for one year.</li> <li>c) It should be note that, all the Techno-commercially accepted bidders after eliminating the bidder/bidders as per the Terms &amp; condition of GeM will be allowed to participate in online e-Reverse Auction over internet for bidding.</li> <li>d) The Price bids of the qualified bidders shall be opened and the lowest quoted price bid among the qualified bidders in the tender process shall be determined.</li> <li>e) To conduct the reverse tender process at least two or more bidders would be required.</li> <li>f) Reverse Auction would be conducted by eliminating the H1 bidder (highest quoted bidder) from the qualified bidders.</li> <li>g) The L1 Price Offer (Initial) shall be the maximum allowable Bid price for the reverse tendering process. The reverse auction details will be communicated to the qualified bidders through E-mail as per the E-mail IDs indicated by the bidders.</li> <li>h) Only one round of reverse tendering shall be carried out in which bidders can revise their bids multiple times within the time limits specified.</li> <li>i) At the start of the Reverse Tendering process the Maximum Allowable Bid Price will be set and bidders shall submit their bids in an online platform.</li> <li>j) The initial period of the Reverse tendering process will start after 1 hour, following which there will be auto extensions of time by 5 minutes in case of any reduction in bids recorded in the prior to last 5 minutes. Thereafter reverse auction shall get automatically closed. This shall be an automated process.</li> </ol>
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		<p>k) Only the current L1 bid shall be visible to all bidders who may revise their bids until the end of the process.</p> <p>l) Decrements made in each subsequent bid shall not be less than 0.5% of the IBM/ECV uploaded.</p> <p>m) The L1 bid may be determined following a period of inactivity of more than 5 minutes of reverse bidding after the initial 1 hour period after closure of the main bidding.</p> <p>n) Order may be placed on the lowest bidder, emerging out of the reverse auction process and APSPCL's decision on award of contract shall be final and binding on all the bidders.</p> <p>o) APSPCL reserves the right to further rationalize the prices with lowest bidder for reducing the price at any time before ordering.</p> <p>p) APSPCL reserves the right to cancel the reverse auction after event is scheduled but before actual event taking place or after the reverse auction has completed in case of failure or any other reason. The reasons for cancellation shall be conveyed to all vendors.</p> <p>q) During Reverse Auction Process, if no bids are received within the scheduled/rescheduled date &amp; specified time of the reverse auction, APSPCL at its discretion can scrap the reverse auction and proceed with the opening of the Electronic priced bids submitted by the bidders. In such case APSPCL shall display the bidder's identity and original rates.</p> <p>r) The bid on the Reverse Auction Portal will be taken as an offer to sell. Bids once made, cannot be canceled/ withdrawn and the bidder shall be bound to sell the material/services at the final bid price, and as per the specifications mentioned in the tender. Should the bidder back out and not make the supplies as per the rates quoted or in case the material supplied/services is not as per specifications mentioned in the tender, APSPCL shall take appropriate action as per the terms &amp; conditions mentioned in the tender.</p> <p>s) At the end of the Reverse Auction, APSPCL will decide the successful bidder, basis the evaluation criteria specified in the tender. APSPCL's decision on award of Contract shall be final and binding on all the Bidders.</p>
31.	Statutory Requirements	<p>The tenderer shall fulfill the following statutory requirements.</p> <p>a) <b><u>GST</u></b></p> <p>The tenderer should have registration under GST from concerned department. The rates are exclusive of GST. Applicable GST as on date will be allowed against submission of GST invoice.</p>
32.	Documents to be submitted to the	All the bidders shall invariably upload the scanned copies of the following documents on Gem-procurement system

	Tender inviting authority.	<ol style="list-style-type: none"> <li>1) Online payment for EMD amount - This will be the primary requirement to consider the bid responsive – Mandatory.</li> <li>2) Performa of Self-Declaration – Mandatory.</li> <li>3) Company registration certificates – Mandatory.</li> <li>4) The bidder shall submit authorization letter from original equipment manufacturer / its authorized channel/implementation partner of the OEM before awarding of contract – Mandatory.</li> <li>5) Certificates in support of experience in executing the supply of equipment/spares to the 220kV level or above substations at State/Central Govt. or any State/Central PSU for value not less than 100% of the estimated contract value in any one year during the last five financial years. – Mandatory.</li> <li>6) The firm shall furnish solvency certificate for a value not less than 50% of the estimated contract value The Solvency Certificate shall not be older than 12 months and shall be issued by any nationalized and scheduled banks. – Mandatory.</li> <li>7) Annual average turnover certificate for a minimum 100% value of ECV during the last three preceding financial years. – Mandatory.</li> <li>8) Other Documents to be uploaded: <ol style="list-style-type: none"> <li>1) Latest income tax returns.</li> <li>2) Registration copies of GST.</li> </ol> </li> </ol> <p>Note:</p> <ol style="list-style-type: none"> <li>1) The tenderer is liable to be disqualified, if he is found to have mislead or furnished false information in the forms/Statements/Certificates submitted in proof of qualification requirements and record of performance such as abandoning of work, not properly completing of earlier contracts, inordinate delay in completion of works, litigation history, financial failures and or participated in the previous tendering for the same work and has quoted unreasonable high price etc.</li> <li>2) Even while executing the work, if found that the contractor had produced false/fake certificates, he will be black listed and the contract will be terminated and his Bid security will be forfeited and work will be carried out through other agency at his cost and risk.</li> </ol>
33	Other relevant information	<ol style="list-style-type: none"> <li>1. APSPCL reserves the right to reject any or all the tenders without assigning any reasons thereof.</li> <li>2. APSPCL reserves the right to amend or modify the tender and its conditions on or before 16.04.2024, 4.00 P.M. (The details will be updated in APSPCL web site).</li> </ol>



		<p>3. Any other condition regarding receipt of tenders in conventional method appearing in the tender documents may please be treated as not applicable.</p> <p>4. The contractors have to upload the information preferably In Zip format.</p> <p>5. The contractors should upload the documents duly signing Each and every paper.</p> <p>For all clarifications &amp; guidance, the bidders may contact the Executive Engineer/ Technical/APSPCL/ Tadepalli, Guntur District –522 501, PhoneNumber:08645-274041, <a href="mailto:md.apspcl@gmail.com">md.apspcl@gmail.com</a>, <a href="mailto:md.apspcl@ap.gov.in">md.apspcl@ap.gov.in</a>, <a href="mailto:eetech.apspcl@gmail.com">eetech.apspcl@gmail.com</a></p>
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**SD/-XXX**  
**Chief Executive Officer**

To  
The Bidders through Notice Board/web publication.

**Copy to the:**

- 1) Notice Board.
- 2) The Executive Engineer / Tech / APSPCL / Tadepalli
- 3) The CFO/APSPCL/ Tadepalli for information.
- 4) The Dy.Executive Engineer / Elect / Kurnool for information.
- 5) The Dy.Executive Engineer / Elect / AUMSP-I for information
- 6) The Dy.Executive Engineer / Elect / AUMSP-II for information
- 7) The Dy.Executive Engineer / Elect / Kadapa for information

**\*\*Note:**

- i) **All the bidders shall inspect the respective equipment in 220/33kV Pooling Stations and associated transmission lines in the APSPCL solar parks in full shape before quoting the tender.**
- ii) **All the rates are excluding GST only.**

## **TENDER FORM**

**To**  
**The Chief Executive Officer,**  
**APSPCL, Tadepalli**  
**Guntur – 522 501**

Sir,

I/We do hereby tender and, if this tender be accepted undertake to execute the work of **“APSPCL –Procurement of spares for 220/33KV pooling stations at Kurnool, Kadapa, Anathapuramu-I & Anathapuramu-II Ultra Mega Solar Parks A.P.”** as shown in the drawings and as described in the specifications deposited in the office of the Chief Executive Officer /APSPCL, Tadepalli, Guntur District, A.P. – 522501 with such variations by way of, alterations or additions to, and omissions from the said supply and method of payment as are provided for in the “Conditions of Contract” at the estimated contract value (ECV) PLUS (or) MINUS % or such other sum as may be arrived at under the clause of the standard preliminary specification relating to “Payment on lump sum basis or final measurements at unit prices”.

I/We agree to execute the work when the lump sum payment under the terms of agreement is varied by payment on measurement quantities.

I/We agree to keep the offer in this tender valid for a period of **180 days** from the date of opening of tender and not to modify the whole or any part of it for any reason within the above period. If the tender is withdrawn by me/us for any reason whatsoever, within the validity period, the earnest money deposited by me/us will be forfeited to APSPCL.

If my/our tender is accepted, the earnest money shall be retained by the APSPCL as security for the due fulfillment of this contract. If upon written intimation to me/us by the Chief Executive Officer /APSPCL/Tadepalli, Guntur District, I/We fail to attend the said office before the end of the period specified on such intimation the tender will not be considered and if, upon intimation being given to me/us by the Chief Executive Officer /APSPCL/Tadepalli, Guntur District of acceptance of my/our tender, I/We fail to make the additional security deposit or to enter into the required agreement as defined **in clause 5 of the detailed tender conditions**, then I/We agree to the forfeiture of the Earnest money; Any notice required to be served on me/us here under shall be sufficiently served on me/us personally or forwarded to me/us by post (registered or ordinary) or left at my/our address given herein. Such notice if sent by post be deemed to have been served on me/us at the time when in due course of post, it would have been delivered at the address to which it was sent.

I/We fully understand that the written agreement to be entered into between me/us and the APSPCL shall be the foundation of the rights of both of the parties and the contract shall not be deemed to be completed until the agreement has first been signed by me/us and then by proper officer authorized to enter into contracts on behalf of APSPCL.

The APSPCL directs that in the case of both Lump sum and K2 contract of Rs.50,000 and above in value, the contractor irrespective of his class shall be required to employ the personnel on the concerned works at his own cost whether technical skill is required or not.

The appointment of staff shall be on full time basis and they shall be available at the work site whenever required by the Engineer-in-charge to take instructions. The contractor shall deploy required technical personal in addition to the above as per actual needs and as directed by the Engineer-in-charge.

I/ We have accepted the rate of progress i.e., the construction programme for the work as envisaged in this tender specification.

Signature of Contractor  
With Rubber Seal

## DETAILED TENDER NOTICE

**Tenders in Two part** for – APSPCL – Procurement of spares for 220/33KV pooling stations at Kurnool, Kadapa, Anathapuramu-I & Anathapuramu-II Ultra Mega Solar Parks - , A.P.". Should be in the prescribed form which can be obtained from Government e Market Place from the date of electronic publication up to the time and date indicated in the tender notice. The intending bidders shall enroll themselves on the GeM portal [www.gem.gov.in](http://www.gem.gov.in). Those contractors who register themselves in the Government e Market Place can download the tender schedules free of cost. The bidder shall authenticate bid with the details for submitting the bid electronically on GeM portal.

The intending bidders can download tender specification and submit their tenders online at GeM Portal viz., [www.gem.gov.in](http://www.gem.gov.in). **The tender forms can be downloaded up to 4:00PM on 18.04.2024. Bids can be submitted up to 5.00 PM on 18.04.2024 as per NIT.**

The bids will be opened through GeM platform by the *Chief Executive Officer/ APSPCL, Tadepalli, Guntur District, A.P. – 522 501* on **19.04.2024 from 3.00 P.M onwards as per NIT** in his chambers at the address Flat No. 401, 4<sup>th</sup> Floor, Garuda Enclave, Beside T.G. Plaza, Tadepalli, Guntur District, A.P. – 522 501. If the tender opening day happens to be a holiday the tenders will be opened at the same timings mentioned above on the next working day. The tenderers or their authorized agents are expected to be present at the time of opening of tenders.

Intending bidders can contact office of the *Chief Executive Officer/APSPCL* for any clarification/ information on any working day during working hours

The bidders who are desirous of participating in GeM portal shall submit their Technical bid/Price bid etc., in the standard formats prescribed in the tender documents, displayed at Government e Market place. The bidders should invariably upload the statement showing the list of documents etc., in Government e Market place in support of their Technical bids. The bidder should load scanned copies of all relevant certificates. The bidder shall sign on all the statements, documents, certificates, uploaded by him, owning responsibility for their correctness/authenticity. **Responsibility for correctness of the information submitted in the online bid lies with bidder. If any information furnished in the bid is proved to be false at a later date, the bid will not only be rejected but the bidder will be BLACKLISTED.**

The Bidder shall authenticate bid with their details for submitting the bid electronically on Government e Market place.

The Department shall carry out the technical bid evaluation solely based on the uploaded documents, proof of online payment through Government e Market place towards EMD in the Government e Market system and open the price bids of the responsive bidders.

The Department will notify the successful bidder for submission of original hard copies of all uploaded documents, online payment receipt towards EMD prior to issue of LOI.

The successful bidder shall invariably furnish the payment receipt of on-line payment towards EMD, Certificates documents of the uploaded scanned copies to the Tender Inviting Authority before issue of LOI either personally or through courier or post and the receipt of the same within the stipulated date shall be the responsibility of the successful bidder. The Department will not take any responsibility for any delay in receipt/non-receipt certificates/documents from successful bidder before the stipulated time. On receipt of documents, the Department shall ensure the genuinity of the certificates documents uploaded by the bidder in Government e Market system in support of the qualification criteria before issue of LOI.

If any successful bidder fails to submit the original hard copies of uploaded certificates/documents, Online Payment towards EMD within the stipulated time or if any variation is noticed between the uploaded documents and the hard copies submitted by the bidder, the successful bidder will be suspended from participating in the tenders on GeM platform.

If any of the certificates regarding eligibility criteria submitted by the bidder are found to be forged / false or incorrect at any time during process for evaluation of tenders and afterwards, it shall lead to forfeiture of tender EMD besides their offer shall be summarily rejected. The suspended bidder will be prevented from entering into fresh transactions and uploading new products or services on GeM. Their uploaded products will not be visible, and they will be unable to participate in ongoing bids. If they have already participated in ongoing bids, the buyer will be notified of the suspension on their dashboard for appropriate action. Carted products will be removed.

The Government e Market system **would deactivate the user ID** of such defaulting successful bidder based on the trigger/recommendation by the Tender Inviting Authority in the system. Besides this, the department shall invoke all processes of law including criminal prosecution of such defaulting bidder as an act of extreme of the deterrence to avoid delays in the tender process for execution of the development schemes taken up by the Government.

1. The bidder shall fulfill the following statutory requirements.

**a) Income tax Clearance Certificate:**

**The contractor shall furnish their copy of permanent Account Number (PAN) card and copy of latest income tax returns submitted along with the proof of receipt.**

**b) Labour Rules and Regulations:**

**The contractor shall comply with all statutory labour rules and regulations for EPF, GIS/ESI, Labourcess, Contract labour rules, Workmen compensation etc., as may be applicable.**

**c) Goods and Services Tax:**

The tenderer should have registration under GST from concerned department for payment of bills.

2. All the bidders shall invariably upload the scanned copies of the following documents on Government e Market system.
  - 1) Online payment for EMD amount - This will be the primary requirement to consider the bid responsive – Mandatory.
  - 2) The bidder shall submit authorization letter from original equipment manufacturer / its authorized channel/implementation partner of the OEM before awarding of contract – Mandatory.
  - 3) Performa of Self-Declaration – Mandatory.
  - 4) Company registration certificates – Mandatory.
  - 5) Experience certificates in support of experience in executing supply of equipment/spares to 220kV level or above substations for value not less than 100% of the estimated contract value in any one year during the last five financial years. – Mandatory.
  - 6) The firm shall furnish solvency certificate for a value not less than 50% of the estimated contract value. The Solvency Certificate shall not be older than 12 months and shall be issued by any nationalized and scheduled banks.
  - 7) Annual average turnover certificate for a minimum 100% value of ECV during the last three preceding financial years.

Other Documents to be uploaded:

- 8) Latest income tax returns.
- 9) Registration copies of GST& Copy of PAN.

Bid evaluation of the tenders would be done based on the certificates/ documents uploaded towards qualification criteria furnished by him/them.

In case of proprietary or partnership firm, it will be necessary to produce the certificates afore mentioned for the proprietor or proprietors and for each of the partners, as the case may be.

**3. Earnest Money Deposit:**

Each bidder must pay Bid Security i.e., **Earnest Money Deposit @ 1% on ECV**, When a tender is to be accepted, the tenderer whose tender is under consideration shall attend the office of the Chief Executive Officer/ APSPCL, the end of the period specified by written intimation to him. If the tenderer fails to attend the office before the end of the period specified, his tender will not be considered. He shall forthwith upon intimation being given to him by the Chief Executive Officer/APSPCL/Tadepalli, Guntur District of acceptance of his tender, attend the office of the Chief Executive Officer/APSPCL/Tadepalli, Guntur District and sign an agreement in the proper departmental form for the due fulfillment of the contract. The contractor is bound by the specifications of APSS.

4. An amount of **5% of the value of contract shall be paid by the successful tenderer as security deposit/Performance guarantee by way of Bank Guarantee from Nationalized Bank / Scheduled Bank** approved by APSPCL as per proforma appended at the time of

entering into the agreement. The above security deposit shall be furnished within fifteen (15) days from date of receipt of award.

The Security deposit / Performance Guarantee will be released **after 24 months** from the date of completion of work. This amount will not bear any interest.

- 4.1 Failure to enter into the required agreement or to make the security deposit as defined in the above paragraphs shall entail forfeiture of the earnest money deposit. The written agreement to be entered into between the contractor and the APSPCL shall be the foundation of the rights of both the parties and the contract shall not be deemed to be complete until the agreement has first been signed by the contractor and then by the proper officer authorized to enter into contracts on behalf of APSPCL.
- 4.2 The work shall be commenced from the dates specified by APSPCL, otherwise EMD will be forfeited.

**If the successful tenderer fails to sign the agreement or otherwise commit default, the APSPCL shall have the right to recover damages according to law apart from forfeiting the earnest money deposit.**

5. The tenderer shall carefully study the drawings and additional specifications and all the documents which form part of the agreement to be entered into by the accepted tenderer. Documents connected with the contract such as specifications, Drawings, descriptive specification sheets regarding material etc., can be seen at any time between **11.00 A.M. and 5.00 P.M.** on all working days in the office of the Executive Engineer/Tech/ APSPCL, Tadepalli, Guntur District, A.P. – 522 501.
6. The tenderer's attention is directed to the requirements for materials under the clause 'Materials and Workmanship' in the 'Preliminary Specifications'. 'Materials conforming to the ISS' shall be used on the work, and the tenderer shall quote his percentage accordingly.
7. Every tenderer is expected, before quoting his **percentage less/excess on ECV value on the estimated rates**, to **inspect the site of the proposed work**. He should also inspect the quarries and satisfy himself about the quality and availability of materials. The names of quarries etc., where from certain materials are to be obtained are given in the descriptive specification sheet or **Schedule 'C'**. The best class of materials to be obtained from the quarries or other source defined shall be used on the work. In every case, the materials must comply with relevant standard specification. Samples of materials as called for in the standard specifications or in these tender conditions, or as required by the Chief Executive Officer /Engineer-in-charge, in any case shall be submitted for the Chief Executive Officer / Engineer-in-charge's approval before the supply to site of work is begun. If the contractor, after examination of the source of materials defined in the descriptive specification sheet is of opinion that materials complying with the standard specifications of the contract cannot be obtained in quality or sufficient quantity from the source defined in the descriptive specification sheet, he shall so state clearly in his tender that where from he intends to obtain materials subject to the approval of the officer authorized by the APSPCL.

If further any information is required, the Engineer-in-charge or the **Executive Engineer/ Tech/ APSPCL / Guntur** will furnish such information.

The APSPCL will not, however, after acceptance of a contract rate, pay any extra charge for lead or for any other reason, in case the contractor found later on to have misjudged the materials availability. Attention of the tenderer is directed to the standard preliminary specifications regarding payment of seignorage, tolls etc.

8. The tenderer's particular attention is drawn to the sections and clauses in the standard preliminary specifications dealing with:

- 1) Test, inspection and rejection of defective materials and work;
- 2) Carriage;
- 3) Construction Plant;
- 4) Clearing up during progress and for delivery;
- 5) Accidents;
- 6) Delays;
- 7) Particulars of payment.

The contractor should closely peruse all the specifications, clauses which govern the percentage which he is tendering.

9. A bill of quantities accompanies this tender schedule. It shall be definitely understood that APSPCL does not accept any responsibility for the correctness or completeness of this schedule and that this schedule is liable to alterations/omissions, deductions or additions at the discretion of the Chief Executive Officer / Engineer-in-charge or as set forth in the conditions of contract. The tenderer will, however, base his lump sum tender on this schedule of quantities.

**The bidder has to furnish his overall percentage either '+' or '-' i.e., excess or less on ECV Value. The bidder need not indicate individual item rates for each and every item listed in Schedule.**

10. No alteration which is made by the tenderer in the contract form, the conditions of contract, drawings, specifications or quantities accompanying the tender will be recognized and if any alterations are made, the tender will be considered void.
11. The tenderer should work out his own overall percentage either '+' or '-' i.e., excess or less on ECV value.
12. **Price Variation: No price variation will be allowed for materials/equipment. The excess or less percentage over the Estimated contract value (ECV) quoted by the contractor shall be firm and binding upon the contractor till the work is completed. The quoted percentage less/excess on ECV value shall be binding on the tenderer even for award of part work.**

13. **Period of contract: 180 days**

14. **Program of work**

The attention of the tenderer is directed to the contract requirements as to the time of beginning the work, the rate of progress and the dates for the completion of the whole work and its several parts.



The program of work to be done from time to time is indicated below. However, the Executive Engineer / Engineer-in-charge of the work will decide the priority of various items of work and their location and direct the successful tenderer for execution so as to complete the entire work as required.

**The date of commencement of this work will be the date of issue of LOI/Purchase order.**

Further, it shall also be noted by the tenderer, if on any account, the work gets dislocated due to the site being not available for work on any day or due to any other reason, it is not binding on the APSPCL to pay any compensation to the contractor, but the corresponding extension of time will be granted to the contractor.

The construction program for the works envisaged in the specification is indicated below:

S.No.	Period after date of commencement	Cumulative Percentage of the work to be completed based on contract amount	Remarks
(1)	(2)	(3)	(4)
1.	180 days	Procurement of spares for 220/33Kv Pooling substations at Ananthapuramu-I (1500MW), Ananthapuramu-II (500MW) and Kurnool (1000MW), Kadapa (500 MW) Ultra Mega Solar Parks.	

The periods entered in column (3) for the purpose of defining the rate of progress may be altered by the Chief Executive Officer /Engineer-in-charge or appropriate authority authorized by APSPCL to suit the requirements of project completion.

If, due to any other reason beyond the control of the contractor, the progress is slow during any period indicated above, the same shall be made up in subsequent periods and the program shall be complied within minimum possible time.

The Chief Executive Officer / Engineer-in-charge shall direct the sequence and pace of the parts of the work and the contractor shall comply with them. Payment will be effected as per actual work completed and based on the approved mode of payment.

- 15. *Penalty: will be taken by the Chief Executive Officer/Engineer-in-charge if the contractor fails to adhere to the above program of work.***

***In the event of any delay in completion of work beyond the stipulated date of completion, due to what so ever reasons, the Corporation reserves the right to recover from the supplier a sum equivalent to 0.5% of the value of the delayed materials / work for each week of delay and part thereof subject to a maximum of 5% of the total value of order.***

- 16.** No part of the contract shall be sublet without written permission of the tender approval authority nor shall transfer be made by the power of attorney authorizing others to receive payment on the contractor's behalf. However, the contractor can sublet up to a maximum of 50% of contract value with the prior approval from **Chief Executive Officer/APSPCL.**

17. The **Chief Executive Officer/APSPCL** or other sanctioning authority reserves the right to reject any tender in full or part or all the tenders without assigning any reason there for. The quoted percentage shall be binding on the tenderer even if the **Chief Executive Officer/APSPCL** awards part of the work.
18. Preference in the selection from among the tenderers will be given, other things being equal, to those who are themselves professionally qualified or who undertake to employ qualified men at their cost to look after the work, who have got experience in similar works and enough equipment. The tenderer should therefore state in clear terms whether they are professionally qualified or whether they undertake to employ technical staff and if so, to give their professional qualifications or of the staff to be employed and their experience etc. In case the selected tenderer is one who has undertaken to employ technical staff under him, he should see that one of the staff is always at site of the work during working hours, personally checking all items of work and paying extra attention to such works as may demand special attention.
19. A tenderer submitting a quotation which the tender accepting authority considers excessive and/or indicative of the insufficient knowledge of current prices or definite attempt at profiteering will render himself liable to be debarred permanently from tendering or for such periods as the tender accepting authority may decide. The tender percentage should be based on the controlled price for material, if any, fixed by the Government or the reasonable price permissible for the tenderer to charge a private purchaser under the provisions of clause 8 of Hoarding and Profiteering Prevention Ordinance, 1943 as amended from time to time and on similar principles in regard to labour and supervision in the construction.
20. The form of contract will be lump sum.
21. The tender shall be valid for acceptance for a period of not less than **180 days** from the date of opening the tenders. Tenders with validity of less than 180 days liable to be rejected.
22. The contract is liable for cancellation if either the contractor himself or any of his employee is found to be a Gazetted officer of the Government or APGENCO/APSPCL, who retired from service and had not obtained the permission from the Government or APGENCO/APSPCL for accepting the contract or employment within a period of 2 years from the date of his retirement.
23. The contractor will at all times duly observe the provisions of employment of Children Act XXVI of 1938 and any re-enactment or modification of the same and will not employ or permit any persons to do any work for the purpose or under the provisions of the said act. The Contractor shall agree to indemnify the APSPCL from and against all claims/penalties which may be suffered by the APSPCL or any person employed by the Department by reason of any default on the part of the Contractor in the observance and performance of the provisions of the Employment of Children Act, XXVI of 1938, or any re-enactment or modification of the same.
24. The successful bidder shall invariably furnish the **original EMD proof**, Certificates/documents of the uploaded scanned copies to the Tender Inviting Authority before issue of **LOI** either personally or through courier or post and the receipt of the same within the stipulated date shall be the responsibility of the successful bidder. The Department will not take any responsibility for any delay in receipt/non-receipt of original EMD proof, certificates/ documents, from successful bidder before the stipulated time. On

receipt of documents, the Department shall ensure the genuinity of the EMD proof and all other certificates documents uploaded by the bidder in GeM-procurement system in support of the qualification criteria before issue of LOI.

25. All correspondence after opening of the tender shall be made with the Chief Executive Officer/ APSPCL, Flat No. 401, 4<sup>th</sup> Floor, Garuda Enclave, Beside T.G. Plaza, Tadepalli, Guntur District, A.P. – 522 501.

### **TENDERER'S AND CONTRACTOR'S CERTIFICATE**

- a) We expressly state that we will be bound by the conditions of GeM and that the contract shall be deemed to be concluded on the receipt of letter of acceptance. If thereafter we do not sign the contract or otherwise commit default, the APSPCL will be at liberty to forfeit the earnest money and recover damages in accordance with law.
- b) We hereby declare that we have perused in detail and examined closely in the GeM all clauses of preliminary specifications and have either examined all the standard specifications for items for which we tender, before we submit such tender and we agree to be bound by and comply with all such specifications for all agreements which we shall execute in the APSPCL. We have signed here below in acknowledgement thereof.
- c) We certify that **we have inspected the location of the proposed work before quoting our percentage, we have also inspected the source of materials and network of roads and satisfied ourselves about the quality, availability and transport facilities for required materials through the net work of available roads and path-ways,** required for the work and verified the correctness of the leads statement.
- d) We are prepared to furnish detailed data in support of all our quoted percentage, when called upon to do so without any reservations.

**Signature of Tenderer/contractor**

Name : \_\_\_\_\_

Designation : \_\_\_\_\_

Company : \_\_\_\_\_

Date : \_\_\_\_\_

**Seal of Company**

### **SECTION - I**

#### **SITE CONDITIONS**

##### **1.0 1. LOCATION & GENERAL DESCRIPTION**

Ananthapuramu Ultra Mega Solar Park (1500 MW) is located at N.P.Kunta Mandal of Ananthapuramu District & Galiveedu Mandal of Kadapa District in Andhra Pradesh. Site is situated at NP.Kunta, Thumukunta & Veligallu Villages about 40 KM from Kadiri, Ananthapuramu District, A.P. The nearest Railway station is Kadiri. Nearest town is Kadiri. The project information and data is given below:

- 1.01 Owner / Purchaser : Andhra Pradesh Solar Power Corporation Pvt. Limited (**A J V COMPANY OF GOVT OF ANDHRA PRADESH AND GOVT OF INDIA**)
- 1.02 Project Title : Anantapuramu Ultra Mega Solar Park (1500 MW) – N.P.Kunta Site and Galiveedu Site.
- 1.03 Nearest Railway Station : Kadiri (40 KM from site)
- 1.04 Name of Railway : South Central Railway
- 1.05 Nearest Airport : Bangalore (181 KM from site)
- 1.06 Altitude : (+) 430 m EL above mean sea level
- 1.07 Climate : Tropical-Hot-Humid
- 1.08 **Ambient Temperature (Dry Bulb)**
  - a) Daily maximum (Mean) : 33.0 Deg. C
  - b) Daily minimum (Mean) : 25.0 Deg. C
- 1.09 **Relative Humidity**
  - a) Maximum Humidity : 64 percent
  - b) Minimum Humidity : 35 percent
  - c) Average Humidity : 49 percent
- 1.10 **Rainfall**
  - a) Maximum intensity : 60 mm per Hour
  - b) Annual Average : 560 mm
  - c) Tropical monsoon : June to October
- 1.11 **Wind Velocity & Pressure** (As per IS: 875-1987 Part III)  
Basic Wind Speed : 20 m/sec
- 1.12 Seismic Zone : Zone II as per IS: 1893-2002
- 1.13 **Transport**
  - a) Name of highway near: Anantapuramu – Chennai High way  
which the plant is located
  - b) Railway (Gauge) : Broad Gauge.

#### 4. LOCATION& GENERAL DESCRIPTION

Anantapuramu Ultra Mega Solar Park – II (500 MW) at Tadipatri Mandal. Site is situated at Talaricheruvu Village about 60 KM from Ananthapuramu Town. The nearest Railway station is Tadipatri. Nearest town is Tadipatri. The project information and data is given below:

2.01		Owner	/	Purchaser
			:	
				Andhra Pradesh Solar Power Corporation Pvt., Limited (A J V COMPANY OF GOVT OF ANDHRA PRADESH AND GOVT OF INDIA)
2.02	Project Title	:		AnantapuramuUltra Mega Solar Park – II
2.03	Nearest Railway Station	:		Tadipatri(18 KM from site)
2.04	Name of Railway	:		South Central Railway
2.05	Nearest Airport	:		Bangalore (260 KM from site)
2.06	Altitude	:		(+) 430 m EL above mean sea level
2.07	Climate	:		Tropical-Hot-Humid
2.08	<b>Ambient Temperature (Dry Bulb)</b>			
	a)	Daily maximum (Mean)	:	33.0 Deg. C
	b)	Daily minimum (Mean)	:	25.0 Deg. C
2.09	<b>Relative Humidity</b>			
	a)	Maximum Humidity	:	64 percent
	b)	Minimum Humidity	:	35 percent
	c)	Average Humidity	:	49 percent
2.10	<b>Rainfall</b>			
	a)	Maximum intensity	:	60 mm per Hour
	b)	Annual Average	:	560 mm
	c)	Tropical monsoon	:	June to October
2.11	<b>Wind Velocity &amp; Pressure (As per IS: 875-1987 Part III)</b>			
		Basic Wind Speed	:	20 m/sec

2.12 Seismic Zone : Zone II as per IS: 1893-2002

2.13 **Transport**

a) Name of highway near: Anantapuramu – Chennai High way  
which the plant is located

b) Railway (Gauge) : Broad Gauge.

3. **LOCATION & GENERAL DESCRIPTION**

Kurnool Ultra Mega Solar Park site is situated at Gani&Sekunala Villages about 40 KM from Kurnool and 55 KM from Nandyal. The nearest Railway station is Kurnool. Nearest town is Kurnool. The project information and data is given below:

3.01 Owner / Purchaser

:

Andhra Pradesh Solar Power Corporation Pvt., Limited (A J V COMPANY OF GOVT OF ANDHRA PRADESH AND GOVT OF INDIA)

3.02 Project Title : Kurnool Ultra Mega Solar Park –  
Gani and Sekunala Site.

3.03 Nearest Railway Station : Kurnool (40 KM from site)

3.04 Name of Railway : South Central Railway

3.05 Nearest Airport : Hyderabad (235 KM from site)

3.06 Altitude : (+) 310 m EL above mean sea level 1.07

Climate : Tropical-Hot-Humid

3.08 **Ambient Temperature (Dry Bulb)**

a) Daily maximum (Mean) : 46.0 Deg. C

b) Daily minimum (Mean) : 26.0 Deg. C

3.09 **Relative Humidity**

a) Maximum Humidity : 82 percent

b) Minimum Humidity : 35 percent

c) Average Humidity : 49 percent

3.10 **Rainfall**

a) Maximum intensity : 40 mm per Hour

- b) Annual Average : 705 mm
- c) Tropical monsoon : June to October
- 3.11 **Wind Velocity & Pressure** (As per IS: 875-1987 Part III)
  - Basic Wind Speed : 20 m/sec
- 3.12 Seismic Zone : Zone II as per IS: 1893-2002
- 3.13 **Transport**
  - a) Name of highway near: Kurnool and Nandyal a Highway (NH18)  
which the plant is located
  - b) Railway (Gauge) : Broad Gauge.

#### 4. SITE CONDITIONS

Before submitting the tender, the tenderer shall familiarize themselves with the site conditions.

#### 4. LOCATION & GENERAL DESCRIPTION

Kadapa Ultra Mega Solar Park, Mylavaram site is situated at about 25KM from Jammalamadugu and 50 KM from Proddutur.. The nearest Railway station is Yerraguntla. Nearest town is Jammalamadugu. The project information and data is given below:

- 3.01 Owner / Purchaser :  
  
Andhra Pradesh Solar Power Corporation Pvt., Limited (A J V COMPANY OF GOVT OF ANDHRA PRADESH AND GOVT OF INDIA)
- 3.02 Project Title : Kadapa Ultra Mega Solar Park – Mylavaram Site.
- 3.03 Nearest Railway Station : Yerraguntla (60 KM from site)
- 3.04 Name of Railway : South Central Railway
- 3.05 Nearest Airport : Tirupathi (220 KM from site)
- 3.06 Altitude : (+) 430 m EL above mean sea level
- Climate : Tropical-Hot-Humid
- 3.08 **Ambient Temperature (Dry Bulb)**

- a) Daily maximum (Mean) : 33.0 Deg. C
- b) Daily minimum (Mean) : 25.0 Deg. C

**3.09 Relative Humidity**

- a) Maximum Humidity : 64 percent
- b) Minimum Humidity : 35 percent
- c) Average Humidity : 49 percent

**3.10 Rainfall**

- a) Maximum intensity : 60 mm per Hour
- b) Annual Average : 560 mm
- c) Tropical monsoon : June to October

**3.11 Wind Velocity & Pressure (As per IS: 875-1987 Part III)**

Basic Wind Speed : 50 m/sec

3.12 Seismic Zone : Zone II as per IS: 1893-2002

**3.13 Transport**

- a) Name of highway near: Tadipatri to Jammalamadugu a Highway (NH18)  
which the plant is located
- b) Railway (Gauge) : Broad Gauge.

**4. SITE CONDITIONS**

Before submitting the tender, the tenderer shall familiarize themselves with the site conditions.



## SPECIAL CONDITIONS OF CONTRACT

### 1.0 GENERAL

1.1 The word 'Special Conditions' shall be understood to cover all elements **effective in determining unit prices such as availability of materials**, price of materials, quantity and quality of available labour and their cost, or every other factor whatsoever, of major or secondary importance which has to be accounted for in quoting prices.

1.2 For the work covered by the Technical Specifications (Section IV) the bidder shall quote his percentage less/excess on ECV value based on the Bill of quantities (Schedule 'A') in words and figures.

Said percentage less/excess on ECV value shall bind on the bidders and shall include any expense whatsoever in connection with the delivery of materials at field site, the use of tools and equipment, cost of technical staff and labour and every other charge connected with and incidental to the complete and through execution of work.

1.3 The bidder shall make at his own risk and cost, before submitting his tender, all surveys he might consider necessary and he may carry out any market survey or technical enquiry he might require to check either the suitability of available materials or the site conditions, soil conditions etc. Permission to visit site will be granted to those bidders who have purchased the tender documents.

1.4 The contractor shall note that the scope of work and the quantity of individual items of work may vary to any extent (on the plus or minus side) as necessary during execution. The contractor shall be bound to execute all the works including above variation in quantity of individual items and extra items or additional items of work shall be executed by him as per the relevant clauses of the contract. In awarding the work against the subject specification to the contractor, APSPCL reserves the right to take out of the scope of the contract part of the work. The contractors shall have no claim for loss of profit sustained because some portions of the original contract have been allocated elsewhere nor will this be reason for the contractors to increase/decrease the percentage for the remaining portion of the contract which he shall fulfill in accordance with the contract.

The preliminary estimated quantities given in the Schedule 'A' are not to be taken as binding figures and they may vary to any extent. These quantities have been provided only for the purpose of providing a comparison of various proposals and to give bidder approximate information as to the amount of work to be performed. The total value of work actually carried out shall be measured and paid for.

- 1.5 The bidder shall submit with his tender the list of plant, equipment and personnel he will be employing for this to complete the work well within the scheduled completion time. The bidder shall also submit a detailed 'working schedule' showing the sequence of every separate job to the date of its scheduled completion. The bidder should submit a bar chart showing estimated employment of labour, skilled and unskilled and a detailed list of Engineers and other qualified staff the contractors will employ for the proper performance of work.

**1.6 Technical Specifications**

Technical specifications for major items are described in section IV of this document. For those items which may not be covered under Section IV, the contractors shall follow the relevant Indian Standard Specifications (latest edition) with the approval of the Chief Executive Officer /Engineer-in-Charge.

**1.7 Special Notes**

The contractor shall be responsible for any delay and damage except due to force majeure reasons which are generally beyond their control and for this full justification elaborating such circumstances shall be furnished by them.

- 1.8 The contractor shall be under no liability whatsoever for damage or destruction to the work or temporary work or materials and equipment or to property or like which is due to acts of God, earthquake, lightening, gale, typhoon, storm, hurricane, or act of any Government or Strikes or Lockouts or converted action of workmen or civil war (Whether declared or not) or sabotage explosion, Civil commotion, Police action, revolution, epidemics etc., destructive artesian conditions, nuclear fusion, or Radioactive disturbances etc., which they have no control and directly or indirectly affecting the operation of the contract.

- 1.9 The contractor has to provide insulation for all electrical cables if found necessary.

- 1.10 The contractor shall quote percentage less/excess on ECV value in the tender schedules.

- 1.11 The percentage less/excess on ECV value quoted for subject work shall be excluding GST. APSPCL will not reimburse any excess payment made by the contractor for GST due to misinterpretation of law or any other reason.

- 1.12 GST applicable as on date will be paid extra on submission of GST invoice. The responsibility of payment of GST will be rests with contractor. The tenderer should also furnish the proof of registration under GST in the state of Andhra Pradesh.

- 2.0 Tenders quoted abnormally less, i.e., more than 15%, a B.G obtained in favor of Chief Executive Officer /APSPCL on the State Bank of India/Andhra Bank or any Nationalized Bank/ Scheduled bank payable at Vijayawada for the difference between

the tendered amount and 85% of the estimate value shall be furnished by the contractor invariably as additional security deposit. The period of validity of B.G shall be for a minimum period of six months with two months claim period. This B.G. shall not bear any interest. On successful completion of the work, the B.G. will be returned to the contractor. The period of validity shall be extended by the contractor from time to time till the B.G. is returned.

In case of contractors failing to complete the work at agreement rates, the B.G. furnished will be forfeited by the APSPCL.

## **GENERAL CONDITIONS OF CONTRACT**

### **1.0 DEFINITION & INTERPRETATIONS**

In these general conditions of contract the following terms shall have the meanings assigned to them except where the context otherwise required.

- 1.1 “OWNER/CORPORATION means Andhra Pradesh Solar Power Corporation Pvt., Limited (A J V Company Of Govt., Of Andhra Pradesh And Govt., Of India) and shall include their legal representative, successors and permitted assignees.
- 1.2 The “Contractor“ means the individual or firm or company whether incorporated or not, under taking for execution of works and shall include legal representatives of such individual or persons composing such firms or unincorporated company successors of such firms or company as the case may be, and permitted assignees of such individual or firm or company.
- 1.3 “Contract” means the notice inviting tender, the tender and acceptance thereof and the formal agreement, if any, executed between Andhra Pradesh Solar Power Corporation Pvt., Limited and the contractor together with the documents referred to therein including those conditions with appendices and any special conditions, the specifications, designs, drawings, schedule of quantities with rates and amounts and schedule of rates. All these documents taken together shall be deemed to form one contract and shall be complementary to one another.
- 1.4 The “Engineer-in-charge” means the engineering officer appointed by the corporation or his duly authorized representative who shall direct, supervise and be in charge of the works for the purpose of this contract.
- 1.5 “Work” means the works to be executed in accordance with the contract.
- 1.6 “Specifications” means the specifications forming a part of the contract for materials and works for the execution of the contract and as amplified, added or specified by special specifications, if any.
- 1.7 “Site” means the lands and or other place on, under on or through which the work is to be executed under the contract including any other lands or places which may be allotted by the corporation or used for the purpose of the contract.

- 1.8 “Letter of Award” shall mean the official notice issued by the OWNER notifying the contractor that his tender has been accepted.
- 1.9 “Guarantee period” shall mean the period during which the contractor shall remain liable for repair of any defect of the works performed under the contract.
- 1.10 Where the context so requires, words imparting the singular only also include the plural and vice-versa.
- 1.11 Heading & marginal notes to those General conditions shall not be deemed to form part thereof or be taken into consideration in the interpretation or construction thereof or of the contract.
- 1.12 All the documents pertaining to the contract including specifications, schedules correspondence etc., shall be written in English language.

**2.0 CONTRACTOR TO INFORM HIMSELF THE FOLLOWING**

The contractor shall be deemed to have carefully examined all contract documents to his entire satisfaction. If he shall have any doubt as to the meaning of any portion of the contract documents, he shall, before signing the contract, set forth the particulars thereof and submit them to the corporation in writing in triplicate, in order that such doubts may be removed. The corporation will provide such clarification as may be necessary in writing to the contractor. Any information otherwise obtained from the corporation or the ENGINEER shall not in any way relieve the contractor of his responsibility to fulfill his obligations under the contract.

**3.0 DISCREPANCIES AND ADJUSTMENT OF ERRORS**

If there are varying or conflicting provisions made in any documents forming part of the contract, the Chief Executive Officer shall be deciding authority with regard to the intention of document.

Any error in description, quantity or rate in schedule of quantities or any omission therefrom shall not vitiate the contract or release the contractor from the execution of the whole or any part of the works completed therein according to the specification or from any of his obligations under the contract.

If on check, there found to be differences, between the percentage less/excess on ECV value given by the contractor in words and figures by him in the Schedule of quantities and general summary the same shall be adjusted in accordance with the following rules.

- a) In the event of a discrepancy between description in words and figures quoted by a tenderer, the description in words shall prevail.
- b) The under signed does not bind himself to accept the lowest or any tender. The undersigned reserves the right to reject any or all tenders without assigning any reason.
- c) Persons tendering must acquaint themselves and satisfy as to the physical conditions prevailing at the site.
- d) No telegraphic/Fax offers will be entertained and APSPCL Ltd will not consider any postal delay.

- e) The APSPCL reserves the right of deleting any or all items of the works mentioned in the schedule without assigning any reasons thereof. The tenderer will not be eligible to claim any sort of compensation in this regard.
- f) The contractor shall provide to his workmen the required safety appliances including protective clothing and guards such as helmets, safety shoes, hand gloves, masks, safety belts etc., for working in Hazardous areas which shall be identified by the Chief Executive Officer / Engineer-in-charge.
- g) The contractor will be required to work either in hot or cold areas, near machines in operation otherwise involving special care on part of the contractor to see that the work is carried out with safety to the men and machines and without hampering the working of the concerned departments of the corporations.

#### **4.0 SUBLETTING OF WORKS**

The contractor shall not assign or sublet the contract or any part thereof, allow any persons to become interested therein in any manner whatsoever without the special written permission of Chief Executive Officer / APSPCL / Tadepalli, Guntur District. The contractor can sublet only up to a maximum of 50% of contract with the prior approval of Chief Executive Officer / APSPCL / Tadepalli, Guntur District. Any breach of this condition shall entitle the corporation to rescind the contract and also render the contractor liable for payment to corporation in respect of any loss or damage arising or ensuring from such cancellations. The permitted subletting of work by the contractor shall not establish any contractual relationship between the sub-contractor and corporation and shall not relieve the contractor of any responsibility under the contract. In the event of sufficient dues not being available to reimburse corporation for the expenditure incurred by it for the above contractor shall reimburse corporation for the same.

#### **5.0 ELECTRICAL SAFETY REGULATIONS**

In no circumstances shall the contractor interfere with the fuses and electrical equipment belonging to the APSPCL or other contractors. Before the contractor connects and electrical appliances to any Board or Socket belonging to other contractors or APSPCL shall:

- a) Satisfy and obtain permission of the Engineer-in-charge to that effect.
- b) No electrical cable used by the contractor will be disturbed without prior permission.
- c) No weight of any description will be imposed on any such cable and no ladder or equipment will rest against or be attached to it. No work shall carry or any live equipment without PERMIT TO WORK.

#### **6.0 DEFECT LIABILITY**

The contractor shall be responsible to make good and remedy at his own cost within such a period as may be stipulated by the Engineer-in-charge any defect observed during the course of execution or which may develop or may be noticed before the expiry of the period mentioned in the Guarantee clause on intimation of which has been sent to the contractor within seven days of expiry of the said period by a letter sent by hand or Registered post.

**7.0 NAME PLATE:**

Equipment should be provided with name plate giving full details of manufacture, capacity and other details as specified in the relevant IS or other specification stipulated. The purchase order No. and Date and Year of supply and the words 'APSPCL' must be etched on the name plate.

**8.0 INTERCHANGEABILITY:**

All similar materials and removable parts of similar equipment shall be interchangeable with each other. A specific confirmation of this should be furnished along with the invoices for the supplies.

**9.0 MATERIALS & WORKMANSHIP**

Supplier shall fully warrant that the stores, equipment and component supplied against the purchase order shall be new and first quality, according to the specifications and shall be free from defects (even concealed faults, deficiency in design, materials and workmanship).

**10.0 SUPPLIER'S LIABILITY:**

Supplier hereby accepts full responsibility and indemnifies the Corporation and shall hold the Corporation harmless from all acts of omission and commission on the part of the supplier, his agents, his subcontractors and employees in execution of the purchase order. The supplier also agrees to defend and hereby undertakes to indemnify the Corporation and also hold it harmless from any and all claims for injury to or death of any and all persons including but not limited to employees and for damage to the property arising out of or in connection with the performance of the work under the purchase order.

**11.0 SALE CONDITIONS:**

With supplier's acceptance of the provision of this purchase order, supplier waives and considers as cancelled any of the general/ special sales conditions.

**12.0 MODIFICATIONS**

This purchase order constitute an entire agreement between the parties hereto. Any modification to this order shall become binding only upon the same being confirmed in writing duly signed by both the parties.

**13.0 INSPECTION/CHECKING/TESTING**

All materials/ equipment to be supplied against this purchase order shall be subject to inspection/ checking/ testing by the Corporation or its authorized representative at all stages and places, before, during and after the manufacture. All these tests shall be carried out in the presence of authorized representative of the Corporation. Supplier shall notify the Corporation for the inspection of materials/ equipment when they are ready, giving atleast 7 days' notice. If upon receipt at our Stores, the material/equipment does not meet the specifications, they shall be rejected and returned to the supplier for repair/modification etc. or for replacement. In such cases all expenses including to- and-fro freight, re-packing charges, transit insurance etc shall be to the account of supplier.

Inspection by the authorized representative of the Corporation or failure of the corporation to inspect the material/equipment shall not relieve the supplier of any responsibility or liability under this purchase order in respect of such material/equipment not be interpreted in any way to imply acceptance thereof by the Corporation. The supplier shall arrange for inspection/testing by APSPCL and by Third Party inspections by Institutional Agencies such as Lloyds Register of Industrial Services, RITES etc In such cases vendor shall adhere to the inspection/ testing procedures laid down by such agencies. All expenses including inspection fees shall be to the suppliers account unless agreed to the contrary and specified in the purchase order.

#### **14.0 PACKING AND MARKING:**

All materials/equipment shall be securely packed to the requirements of transportation by Rail/ Road/ Sea transport. All exposed services/ connections/, protrusions shall be properly protected. All unexposed part shall be packed with due care and the packages should bear the words ' handle with care'. The packing requirements of Rail/ Road transport shall be complied with so as to obtain clear Railway Receipt/ Lorry Receipt i.e. without any qualifying remarks. All packages and unpacked materials shall be marked with the name of Consignor, Consignee, Purchase order No., gross and Net weight, sign of handling, if any, with indelible paint in English at least at two places. In case of bundles, metallic plates marked with the above details shall be tagged with such bundles.

#### **15.0 DISPATCH OF MATERIALS:**

The supplier is responsible for the safe delivery of the goods in good condition at destination stores. The supplier should acquaint himself of the conditions obtaining for handling and transport of the goods to destination and shall include and provide for security and protective packing of the goods so as to avoid damage in transit. After packing the materials/ equipment those shall be dispatched strictly as per the provision of purchase order. In case any changes in the mode of transportation and/or transporter has to be done, the same shall be done only after obtaining prior approval in writing failing which documents for advance payment through bank shall not be honoured. Normally the goods shall be dispatched through our approved transporter only as indicated in the purchase order. All formalities related to allotment of wagons, loading permission from Railways shall be completed by the supplier. The supplier shall communicate immediately the dispatch details to the consignee as specified in the purchase order. The Original dispatch documents either directly or through bank shall be forwarded immediately, failing which the supplier shall be responsible for any delay in payment and consequential payments of demurrage and wharf age to the transporter.

#### **16.0 DEMURRAGE/WHARFAGE:**

If the documents are routed through Bank, any consequential charges i.e. demurrage/ wharfage charges, due to late retirement of documents on account of

1. Violation of inspection clause i.e. dispatch of materials without pre-dispatch inspection whereas Pre dispatch inspection is required as per the condition of P.O.
2. Materials dispatch after expiry of delivery period without obtaining approval in advance for extension of delivery period
3. Dispatch of materials not through authorized transporter as indicated in the P.O.
4. Late receipt of invoice or due to violation of any other clause (s) of the purchase order, will be to supplier's account. Supplier shall also be responsible for all such payments due to late receipt of RR/LR and other documents.

#### **17.0 GUARANTEE**

The contractor shall guarantee that all items supplied by him shall be free from all defects and workmanship up to completion of work in all respects.

APSPCL shall also be entitled to recover any losses direct or indirect incurred due to non-fulfillment of contractual commitment in this regard.

The Guarantee period shall be 24(Twenty Four) months from the date of supply in all respects.

## **SECTION – III**

### **TECHNICAL SPECIFICATIONS**

#### **1.0 GENERAL**

- 1) This specification is to cover the proposed supply “APSPCL – Procurement of spares for 220/33KV pooling stations at Kurnool, Kadapa, Anathapuramu-I & Anathapuramu-II Ultra Mega Solar Parks -,A.P, A.P. promoted by M/s. Andhra Pradesh Solar Power Corporation Pvt., Limited.
- 2) Description of various items of work under this specification and nature of work in detail are given hereinafter. The complete work under this scope is referred to as SUPPLY and ERECTION works. List of various works covered given under the scope.
- 3) The work to be performed under this specification consists of providing all labour, materials, consumables, equipment, temporary works, temporary labour and staff colony, constructional plant, fuel supply, transportation and all incidental items not shown or specified but reasonably implied or necessary for the completion of the work, all in strict accordance with the specifications and including revisions and amendments thereto as may be required during the execution of the work.
- 4) All materials shall be arranged by the CONTRACTOR.
- 5) The work shall be carried out according to the approved drawings by the APSPCL. Necessary layout and details are to be developed by the CONTRACTOR keeping in view the statutory & functional requirements and facilities of the proposed work. The quantities given in the Schedule of quantities are approximate and likely to change as per the approved drawings.
- 7) CONTRACTOR shall inspect the site, examine and obtain all information required and satisfy himself regarding matters and things such as access to site, communications, transport, right of way, the type and number of equipment and facilities required for the work, availability of local labour, materials and their rates, local working conditions, weather, flood levels, subsoil conditions, natural drainage , etc., The contractor shall organize his own arrangements to transport his equipment, men and materials so as to match the construction schedules. Ignorance of the site conditions shall not be accepted by the APSPCL as basis for any claim for compensation or extension of time. The submission of a bid by the CONTRACTOR will be construed as evidence that such an examination was made and any later claims /disputes in this regard to rates/lumpsum quoted shall not be entertained or considered by the APSPCL.



- 1.1. The bidders shall resolve himself the local issues, if any, during the execution without any financial implications to APSPCL.

## **2.00 Statutory Requirement**

CONTRACTOR shall comply with all the applicable statutory rules pertaining to Factory act, Fire safety rule of Tariff Advisory Committee, Water act for Pollution control, Explosives act etc. Provisions of Safety, health and welfare according to Factories act shall also be complied with. Statutory clearances and norms of State Pollution Control Board shall be followed. APSPCL will assist in obtaining the necessary clearances from other departments.

- 3.00 The specifications for various works should confirm to the relevant clauses of the APSS, IS / IEC Standards and also to the special specifications included in the tender schedule. If there is any difference between them, the special specifications will be applicable. If for any item of work, detailed specifications are not indicated either in the technical specifications or in the APSS and IS / IEC Standards then that work shall be carried out as per the instructions of Chief Executive Officer / Engineer-in-charge. The execution of work and tests to be conducted during construction and on the materials shall confirm to the latest relevant I.S codes.

## **4.0 SCOPE OF CONTRACTOR/VENDOR:**

The scope covers design, engineering, manufacture, inspection and testing at manufacture's works, supply, delivery of 220kV & 33KV equipments spares complete with structures, accessories, mandatory spares specified herein for their satisfactory operation in various sub-stations of our system.

It is not the intent to specify completely here all the details of design and technical specification however, the spares shall conform in all respects to the high standard of engineering design and workmanship and shall be capable of performing in continuous commercial operation up to the guarantee in manner acceptable to the CPRI who will interpret the meanings of drawings and specifications and shall have power to reject and work or material which in his judgment is not in accordance therewith. The 220Kv and 33Kv spares offered shall be complete with all components necessary for their effective and trouble-free operation. Such components shall be deemed to be within the scope of the Bidder irrespective of whether they are specifically brought out in this specification and / or in the commercial order or not. It should also be type tested and supposed to pass all accepted tests as per IEC/IS.

As per requirement of APSPCL, All routine/type/Special test shall be conducted on the material/equipment to be supplied in accordance with relevant standard specifications. Supplier shall intimate this office atleast 7 days in advance about the proposed date to conduct the tests for deputing APSPCL representative to witness the tests. The travelling and accommodation charges of APSPCL officials during inspection shall be borne by the contractor. Three copies of the test certificates containing the results of all the tests carried out shall be furnished immediately for approval before the dispatch of equipment.

The work shall be completed in all respects as per relevant clauses of Indian Standard Specification and shall include but not limited to the following.

**Materials:**

1. The firm has the right to choose any particular make of components out of approved makes of APSPCL

**SCHEDULE - A**  
**BILL OF QUANTITIES**

- a) The quantities given in the bill of quantities are approximate but they are subject to alterations, omissions, deductions or additions as provided for in the conditions of this contract and do not necessarily show the actual quantities of work to be done.
- b) It is to be expressly understood that the measured work is to be taken net (not withstanding any custom or practice to the contrary) according to the actual quantities when in place and finished according to the drawings or as may be ordered from time to time by the Chief Executive Officer / Engineer-in-charge and the cost calculated by measuring or weight at the respective prices without any additional charges for any necessary or contingent works connected therewith.
- c) For all items of work which are more than 10% in excess of the quantities shown in the bill of quantities the rate payable for excess quantities beyond 10% shall be either tender rate or the SS rate for the item plus or minus the overall tender percentage whichever is less. The SS rate means the rate within the estimate has been prepared for comparison with tenders.
- d) The rates quoted by the contractor are firm till completion of the work in all respects. No price variation of rates is allowed in case of delay in handing over of site to the contractors, if any by the department. However, corresponding extension of time will only be granted to the contractors.

Spares for 220/33kV Pooling Substations at Ananthapuramu-I&II, Kadapa and Kurnool Ultra Mega Solar Parks								
80 MVA TOSHIBA Transformer Spares								
S.No	Item Description	Description	Make	AUMSP-I Quantity in No's	AUMSP-II Quantity in No's	Kadapa Qty in No's	Kurnool Qty in No's	Total Qty
1	REMOTE WINDING TEMPERATURE INDICATOR FOR HV & LV	(90-260V AC/DC)- P21,P22 (AS PER TOSHIBA DOC NO: TTD1/EHV/MS/2021 -1)	PRECIME ASURE	1	4	0	10	15
2	Auxillary Power Supply Transformer for OLTC Pannel (415/55-0-55V, 500VA)		SARASW ATHI ELECTRIC ALS	0	2	0	0	2
3	OLTC Gear Box with Motor (3 Phase, IP55, 1250RPM, )		REMI	0	2		2	4
4	Selector Switch for RTCC pannel	-	KAYCEE	0	2	0	0	2

5	Temperature Selector Switch for OLTC Pannel	-	KAYCEE	0	2	0	0	2
6	TAP Position Indicator for RTCC Pannel (90V-260V AC/DC, 25 TAP/1 kohm Step)		PRADEEP SALES & SERVICE pvt.ltd	0	2	0	10	12
7	AIRCEL RAPTURE RELAY - F54	FOR 80MVA TRAFO	ATVUS/S UKROT UDYOG	0	1	0	0	1
8	OIL SURGE RELAY FOR OLTC-F52	FOR 80MVA TRAFO	EASUN-MR	0	1	0	0	1
9	HV BUSHINGS WITH Metal parts and GAS CUTS	FOR 250KV AUX.TRAFO, 2.5 DIA , 33KV AC	TOSHIBA	0	2	0	2	4
10	LV BUSHINGS WITH metal parts and GAS CUTS	FOR 250KV AUX.TRAFO, 415V AC	TOSHIBA	0	2	0	6	8
11	Silica Gel BREATHER (1 KG)		TOSHIBA	0	0	0	5	5
12	NEUTRAL BUSHING WITH METAL PARTS AND GAS CUT (SET) (HV)	PORCELAIN TYPE 36KV/630A	TOSHIBA	0	0	0	4	4
13	NEUTRAL BUSHING WITH METAL PARTS AND GAS CUT (SET) (LV)	PORCELAIN TYPE 36KV/2000A	TOSHIBA	0	0	0	4	4
14	PTR LV Terminal Connector	ACSR MOOSE	Nootan Eng.	0	0	0	3	3
15	PTR HV Terminal Connector	ACSR MOOSE	Nootan Eng.	0	0	0	3	3
<b>Total Amount</b>							<b>47,73,697.00</b>	
<b>ALSTOM /GE Make Relay Spares</b>								
S. No	Item Description	Description	Make	AU MSP -I Quantity in No's	AUM SP-II Quantity in No's	Kada pa Quantity in No's	Kurnool Quantity in No's	Total Qty
1	MASTER TRIP RELAY	MVAJM25, BURDEN HIGH, FLUSH MTG, CASE SIZE: 4, AUX VOLTAGE: 220V DC, CONTACT COMBINATION:18 NO+2NC ER/HR WITH FLAG. MVAJM25	GE/ALSTOM	0	4	0	0	4
2	DC SUPERVISION RELAY	MVAAM11, SINGLE ELEMENT VOLTAGE OPERATED AUX.RELAY, AUX.VOLTAGE:220 V DC, CONTACT COMINATION: 2NO+2C/O SR, FLUSH MOUNTING, CASE SIZE:2, REVERSE FLAG INDICATOR.	GE/ALSTOM	0	4	0	0	4
3	Auxiliary Relay	10 N/O S/R; FLAG-YES;220-250V DC;WD-	GE/ALSTOM	0	0	3	0	3

		01MVAJM11011, MVAJM11JA1000A						
4	Auxiliary Relay	DC Changeover, 2M 2C SR:FLAG- YRD:110-125/220- 250V DC, WD- Z1MVAAM1101SHT 1, MVAAM11B1BA253 0A	GE/ALSTO M	0	0	4	0	4
5	DC Supply Super Vision Relay	4B SR;FLAG- REV;220-250V DC;80-120 ms TDDC;WDZ1MVA AM11009SHT1, MVAAM11B1CJ101 5A	GE/ALSTO M	0	0	3	0	3
6	High Speed Tripping Relay Supervision Relay	1M 2B SR;220-250V DC;FLAG-REV;WD- F1MVAXM21001, MVAXM21C1CE300 5A	GE/ALSTO M	0	0	4	0	4
7	AC Super Vision Relay	4B SR;FLAG- REV;240V 50 HZ;80- 120 ms TDDO, WD- Z1MVAAM11010SH T1, MVAAM11BCJ5515 A	GE/ALSTO M	0	0	4	0	4
8	Control Relay	E/R LOW BURDEN- VOLTAGE SEL RELAY, 8 NO,2 NC ER;FOLLOW ON FLAG 220-250V DC,WD-01 MVAJM14011, MVAJM14JB1002A1	GE/ALSTO M	0	0	4	0	4
9	High Speed Tripping Relay	LV TRIP RELAY;220-250V DC;ELECTRICAL/H AND RESET,8M+ 2B Contact Config;Case size 2, WD- 01MVAJM15011, MVAJM15JA1002A	GE/ALSTO M	0	0	2	0	2
10	High Speed Tripping Relay	HI BUDEN;FLAG- YES H/R FLAG;220- 250V DC;18M 2B ER/HR,WD- 01MVAJM25011SHT 1, MVAJM25LA1002A	GE/ALSTO M	0	0	3	0	3
11	Auxiliary Relay	12 N/O S/R; FLAG- NO;220-250V DC;WD- 01MVAAM31010, MVAAM31C1AA10 01A	GE/ALSTO M	0	0	4	0	4
12	DC Supply Super Vision Relay	MAAM11B1CJ5516 A	GE/ALSTO M	0	0	4	0	4
13	F650 RELAY	F650NXJF1G1HI6H E	GE/ALSTO M	0	0	2	0	2
Total Amount							12,09,054.20	
Siemens Make Spares								

S. No	Item Description	Description	Make	AU MSP -I Quantity in No's	AUM SP-II Quantity in No's	Kadapa Quantity in No's	Kurnool Quantity in No's	Total Qty
1	33kV Vacuum Circuit Breaker-Indoor Type (Ur-36kV; fr-50HZ; Up-170kVp;Stc-31.5kA/3sec; Sus Bar Rated Ir-3000A; Normal Ir-2500A, 3AHO 315-6)		Siemens	3	2	0	0	5
2	33kV Vacuum Circuit Breaker-Indoor Type (Ur-36kV; fr-50HZ; Up-170kVp;Stc-31.5kA/3sec; Sus Bar Rated Ir-3000A; Normal Ir-1600A, 3AHO 315-3)		Siemens	3	0	0	0	3
3	AC Indicator Lamps for RTCC Pannel ( RED COLOUR)	-	Siemens	0	4	0	0	4
4	AC Indicator Lamps for RTCC Pannel ( GREEN COLOUR)	-	Siemens	0	4	0	0	4
5	MCB - Q33,Q34	415V AC, 3-POLE, 2A	Siemens	0	8	0	0	8
6	MCB - Q35	240/415V AC, 2-POLE, 6A	Siemens	0	8	0	0	8
7	MCB - Q36	240/415V AC, 2-POLE, 10A	Siemens	0	8	0	0	8
8	MCB - Q37	240V AC, 1-POLE, 2A	Siemens	0	4	0	0	4
9	MCB - Q38	240V AC, 1-POLE, 6A	Siemens	0	4	0	0	4
10	MCB - Q40	415V AC, 3-POLE, 10A	Siemens	0	4	0	0	4
11	MCB - Q41	415V AC, 4-POLE, 16A	Siemens	0	4	0	0	4
12	MCB - Q1 to Q8	415V AC, 4-POLE, 2A	Siemens	0	30	0	0	30
13	NUMERICAL RELAY OC/EF PROTECTION-7SR	7SR2203-2BA87-0CA0, 220 DC, 13BI+14BO	Siemens	0	1			1
14	MCB32A 5SL42327RC	BREAKING CAPACITY: 10KA, RATING: 32A, POLE: 2, VOLTAGE: 240V AC, WITH FIXED THERMAL O/L & MGT. S/C RELEASE.	Siemens	0	3	0	0	3
15	MCB16A 5SL42167RC	BREAKING CAPACITY: 10KA, RATING: 16A, POLE: 2, VOLTAGE: 110V AC /240V AC, WITH FIXED THERMAL O/L & MGT. S/C RELEASE.	Siemens	0	3	0	0	3
16	MCB2A 5SL44027RC	BREAKING CAPACITY: 10KA, RATING: 2A, POLE: 4, VOLTAGE: 110V AC, WITH FIXED THERMAL O/L & MGT. S/C RELEASE.	Siemens	0	2	0	0	2

17	MCB6A 5SL52067RC	BREAKING CAPACITY: 10KA, RATING: 6A, POLE: 2, VOLTAGE: 220V AC, WITH FIXED THERMAL O/L & MGT. S/C RELEASE.	Siemens	0	3	0	0	3
18	MCB6A 5SL42067RC	BREAKING CAPACITY: 10KA, RATING: 6A, POLE: 2, VOLTAGE: 240V AC, WITH FIXED THERMAL O/L & MGT. S/C RELEASE.	Siemens	0	3	0	0	3
19	MCB6A 5SL41067RC	BREAKING CAPACITY: 10KA, RATING: 6A, POLE: 1, VOLTAGE: 240V AC, WITH FIXED THERMAL O/L & MGT. S/C RELEASE.	Siemens	0	3	0	0	3
20	MCB4A 5SL42047RC	BREAKING CAPACITY: 10KA, RATING: 4A, POLE: 2, Vol: 240V AC, WITH FIXED THERMAL O/L & MGT. S/C RELEASE.	Siemens	0	3	0	0	3
21	MCB25A 5SL52257RC	BREAKING CAPACITY: 10KA, RATING: 25A, POLE: 2, VOLTAGE: 220V DC, WITH FIXED THERMAL O/L & MGT. S/C RELEASE.	Siemens	0	3	5	0	8
22	MCB6A 5SL52067RC	BREAKING CAPACITY: 10KA, RATING: 6A, POLE: 2, VOLTAGE: 220V DC, WITHFIXEDTHER MAL O/L & MGT. S/C RELEASE.	Siemens	0	3	0	0	3
23	L.T AUXILLARY CONTACTOR - KNRF,KCET,KBET3	AIR BREAK, IN OPEN EXECUTION, 4-POLE, AUX.CONTACTS: 2NO+2NC,OPERATI NG COIL: 220V DC, 3TH30 22-0BM4	Siemens	0	6	0	0	6
24	L.T AUXILLARY CONTACTOR - KDC11,KDC12	AIR BREAK, IN OPEN EXECUTION, 4-POLE, AUX.CONTACTS: 3NO+1NC, PERATING COIL: 220V DC, 3TH30 31- 0BM4	Siemens	0	6	0	0	6

25	L.T AUXILLARY CONTACTOR KSPX,KTRX,KSRS,K60P,KLRX ,KRLX,K95AX,95BX, K60M,KBET1,KBET2	AIR BREAK, IN OPEN EXECUTION, 4-POLE, AUX.CONTACTS: 4NO, OPERATING COIL: 220V DC, 3TH30 40-0BM4	Siemens	0	10	0	0	10
26	L.T AUXILLARY CONTACTOR K70A,K70B,K80AX,K80BX,KF AX,KB	AIR BREAK, IN OPEN EXECUTION, 4-POLE, AUX.CONTACTS: 2NO+2NC, OPERATING COIL: 220V AC, 3TH30 22- 0AP0	Siemens	0	8	0	0	8
27	POWER CONTACTOR - Q20	CURRENT: 9A, VOLTAGE: 240V AC, 3-POLE, 3TF30 10-0AP0	Siemens	0	4	0	0	4
28	AUXILLARY CONTACTOR - KBET1,KBET2	INC AUX.CONTACTOR BLOCK, 3TH30 CONTACTOR, 3TX4 001-2A	Siemens	0	2	0	0	2
29	AUXILLARY CONTACTOR - KCET,KBET2,KBET3	1N0 AUX.CONTACTOR BLOCK, 3TH30 CONTACTOR, 3TX4 010-2A	Siemens	0	2	0	0	2
30	GREEN LED LAMP(complete unit) - H0	GREEN LED LAMPVOLTAGE: 220V DC, 3SB5285- 6HE05	Siemens	0	20	30	100	150
31	RED LED LAMP(complete unit) - H1,H13A,H13B,H14,H15A,H15 B	RED LED LAMP, VOLTAGE: 220V DC, 3SB5285-6HC05	Siemens	0	30	30	300	360
32	AMBER LED LAMP(complete unit) - H4	AMBER LED LAMP, VOLTAGE: 220V DC, 3SB5285-6HL05	Siemens	0	11	30	0	41
33	WHITE LED LAMP(complete unit) - H5A,H5B,H10	WHITE LED LAMP, VOLTAGE: 220V DC, 3SB5285-6HG05	Siemens	0	10	30	150	190
34	BLUE LED LAMP(complete unit) - H6	BLUE LED LAMP, VOLTAGE: 220V DC, 3SB5285-6HF05	Siemens	0	10	30	116	156
35	YELLOW LED LAMP(complete unit) - H11	YELLOW LED LAMP, VOLTAGE: 220V DC, 3SB5285- 6HD05	Siemens	0	10	30	300	340
36	RED LED LAMP(complete unit) - H7	RED LED LAMP, VOLTAGE: 63.5V AC, 3SB5235-6HC14	Siemens	0	5	30	0	35
37	YELLOW LED LAMP(complete unit) - H8	YELLOW LED LAMP, VOLTAGE: 63.5V AC, 3SB5235- 6HD14	Siemens	0	5	30	0	35
38	BLUE LED LAMP(complete unit) - H9	BLUE LED LAMP, VOLTAGE: 63.5V AC, 3SB5235-6HF14	Siemens	0	5	30	0	35
39	RED LED LAMP(complete unit) - H12A,H12B,H16	RED LED LAMP, VOLTAGE: 240V AC, 3SB5285-6HC03	Siemens	0	10	30	0	40

40	MCB6A - F22B	BREAKING CAPACITY: 10KA, RATING: 6A, POLE: 2, VOLTAGE: 220V DC, WITH FIXED THERMAL O/L & MGT. S/C RELEASE. 5SL52067RC	SIEMENS	0	1	0	0	1
41	MCB16A - F20A,F20B	BREAKING CAPACITY: 10KA, RATING: 16A, POLE: 2, VOLTAGE: 110V AC /240V AC, WITH FIXED THERMAL O/L & MGT. S/C RELEASE. 5SL42167RC	SIEMENS	0	4	0	0	4
42	MCB6A	220 V AC, 6A, 50Hz, Single pole MCB	SIEMENS	0	30	5	0	35
43	L.T AUXILLARY CONTACTOR - K70A	AIR BREAK, IN OPEN EXECUTION, 4- POLE, AUX.CONTACTS: 2NO+2NC, OPERATING COIL: 220V AC, 3TH30 22- 0AP0	SIEMENS	0	1	0	0	1
44	MCB	4P 32A,AC	SIEMENS	0	0	5	0	5
<b>Total Amount</b>							<b>76,06,390.00</b>	

**\*\*\* Note:** The material/equipment description provided above shall be considered for the procurement purpose. The consignee details specified in the BOQ format are uploaded only to meet the gem Policies (location may vary please check the name of the park in the above table and consider the site coordinates as detailed above).

**All the bidders shall inspect the respective equipment in 220/33kV Pooling Stations and associated transmission lines in the APSPCL solar parks in full shape before quoting the tender.**



### **SCHEDULE – B**

#### **ISSUE RATE OF MATERIAL:**

**Name of the Work:** Procurement of spares for 220/33KV pooling Sub stations at Kurnool, Kadapa, Anathapuramu-I & Anathapuramu-II Ultra Mega Solar Parks -A.P.

Sl.No.	Description of Item	Rate	Source of Supply
	Nil	-	-

### **SCHEDULE – C**

#### **LEAD STATEMENT**

**Name of the Work:** Procurement of spares for 220/33KV pooling Sub stations at Kurnool, Kadapa, Anathapuramu-I & Anathapuramu-II Ultra Mega Solar Parks -A.P.

Sl. No.	Description of item	Source
1	Nil	-

**Note:** The above information given above is indicative only. The firm shall make his assessment regarding availability of above materials in adequate quantity and quality and the distance of the source etc., before quoting his rates and no claim will be entertained on this account afterwards.

### **SCHEDULE – D**

## **LIST OF TENDER PURPOSE DRAWINGS ENCLOSED TO THIS SPECIFICATION**

**Name of the Work:** Procurement of spares for 220/33KV pooling stations at Kurnool, Kadapa, Anathapuramu-I & Anathapuramu-II Ultra Mega Solar Parks -A.P

<b>S.No</b>	<b>TITLE</b>
1	Relevant Documents like Item Specification/Drawings are attached

## **PARTICULARS OF TENDERER**

**Name of the Work:** Procurement of spares for 220/33KV pooling stations at Kurnool, Kadapa, Anathapuramu-I & Anathapuramu-II Ultra Mega Solar Parks -A.P

Name of the Tenderer/ Contractor:

Name of the contact person responsible for the work:

Designation/ Status of the contact person:

Contact Details of the person responsible for the work:

Mobile Phone No.

Office Phone No.

Residence Phone No.

Any Other Phone No.

Present Address:

Permanent Address:

**PROFORMA FOR SELF DECLARATION**  
**(To be uploaded invariably along with bid documents)**

**Name of the work:** Procurement of spares for 220/33KV pooling sub stations at Kurnool, Kadapa, Anathapuramu-I & Anathapuramu- II Ultra Mega Solar Parks -A.P

**Tender Notice No: GeM Tender NoticeNo.01-2023-24/APSPCL/EE-Tech,Dt.20.03.2024**

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I/We ..... (Name and designation) authorized signatory of the tenderer, M/s ..... (hereinafter called the tenderer) for the purpose of the Tender documents for the work of as per the tender No.\_\_\_\_\_ do here by solemnly of firm and state on the behalf of tenderer including its constituents as under:

- 1) I/We the tenderer(s) am / are signing this document after carefully reading the contents.
- 2) I/We the tenderer(s) also accept all the conditions of the tender and have signed all the pages in confirmation thereof.
- 3) I/We hereby declare that I/We have downloaded the tender document from GeM-procurement portal. I/we have verified the contents of the tender document from the website and uploaded the required documents as per the tender specifications.
- 4) I/We hereby declare that I/We are fully qualified and eligible to bid for the work as per the eligibility criteria given in the tender notice.
- 5) I/We hereby declare that I/We have got the following minimum eligible criteria to bid for the work

- a) The bidder shall submit authorization letter from original equipment manufacturer / its authorized channel/implementation partner of the OEM before awarding of contract.
- b) The firm should have valid registration from Registrar of Firms or Register of Companies.
- c) The bidders should have supplied the equipment/spares to the 220 KV level or above sub stations at State/Central Govt. or any State/ Central PSU for a value not less than 100% of the ECV in any one year during the last five financial years.

- d) The firm shall furnish solvency certificate for a value not less than 50% of the ECV. The Solvency Certificate shall not be older than 12 months and shall be issued by any nationalized and scheduled banks.
  - e) Annual average turnover certificate for a minimum 100% value of ECV during the last three preceding financial years.
  - f) Payment of EMD value is 1% @ECV (Validity shall be 180 days from the date of bid opening).
  - g) All terms and conditions of detailed tender specification.
- 6) I / we declare and certify that I / We have not made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements.
- 7) I/we also understand that my / our offer will be evaluated based on the documents / credentials submitted along with the offer and same shall be binding upon me/us.
- 8) I/we declare that the information and documents submitted along with the tender by me/us are correct and I/we are fully responsible for the correctness of the information and documents submitted by us.
- 9) I/we understand that any of the certificates regarding eligibility criteria submitted by us are found to be forged / false or incorrect at any time during process for evaluation of tenders and afterwards, it shall lead to forfeiture of tender EMD besides my / our offer shall be summarily rejected. I understand that the suspended bidder will be prevented from entering into fresh transactions and uploading new products or services on GeM. Their uploaded products will not be visible, and they will be unable to participate in ongoing bids. If they have already participated in ongoing bids, the buyer will be notified of the suspension on their dashboard for appropriate action. Carted products will be removed.
- 10) I/we also understand that if any of the certificates submitted by us are found to be false / forged or incorrect at any time the award of the contract, it will lead to termination of the contract, along with forfeiture of EMD and 5% of Performance Bank Guarantee besides any other action mentioned above.
- 11) I/We agree to keep the offer of this tender valid for a period of 180 days from the date of opening of tender and not to modify the whole or any part of it for any reason within the above period. If the tender is withdrawn by me/us for any reason whatsoever, within the validity period, the earnest money deposited by me/ us will be forfeited to APSPCL.
- 12) I/We hereby distinctly and expressly declare and acknowledge that, before the submission of my/ our tender, I/We have carefully followed the instructions in the tender notice and have read the APSS and the Preliminary specifications therein.
- 13) I/We have not been black listed in any department due to any reasons.

- 14) I/We have not been demoted to lower category in any department for not filing the tenders after buying the tender schedules in a whole year and their registration had not been cancelled for a similar default in last two consecutive years.
- 15) I/We will agree to get disqualified themselves for any wrong declaration in respect of the above and get their tender summarily rejected duly forfeiting the EMD.
- 16) The soft copies uploaded by me/us are genuine. Any incorrectness / deviation noticed can be viewed seriously and apart from canceling the work duly forfeiting the Bid security, including suspension of business and/ or black listing.
- 17) The quoted price is exclusive of GST.

Signature of the bidder  
With seal

### **Annexure-I**

#### **Proforma for Terms and Conditions**

Bidders are requested to fill in the blank spaces and send the same along with their offer, in duplicate. Otherwise their offer will be either treated as non-responsive or suitable cost will be compensated for deficiencies as deemed fit by the corporation.

1	Offer / Quotation No. & Date	:	
2	Name of the bidder	:	
3	Goods & Service tax Registration Nos. <i>(Enclose Copy of Regn. Certificates )</i>	:	
4	DGS&D's Registration No., if any <i>(Enclose copy of rate contract, if any)</i>	:	
5	Company PAN card No.	:	
6	Whether quoted for complete scope stipulated in the Tender.	:	Yes/No <i>(Offers that do not cover the complete scope will be rejected)</i>
7	Price basis, firmness of prices	:	F.O.R Destination
8	Packing and Forwarding charges <i>(If not included in the Basic Prices)</i>	:	To be arranged by the Supplier, at their cost.
9	Goods & Service Tax (GST)	:	As per Price bid. <b><i>(Do not quote here)</i></b> <b><i>(ECV value is excluding GST)</i></b>
10	Freight Charges upto Site	:	To be arranged by the Supplier, at their cost.
11	Charges for Insurance Cover for Transport	:	To be arranged by the Supplier, at their cost.
12	Bank charges	:	To be borne by seller.

13	Delivery Period (refer Section-I of the tender specification).	:	The delivery commences within ____ days from the date of receipt of PO.
15	Whether delivery will be made in whole or in a phased manner	:	As per Schedule
16	Mode of dispatch	:	
17	Earnest Money Deposit Detail (APSPCL reserves the right to reject offers without EMD)	:	
18	Scope of supply & Technical specifications	:	As per APSPCL's terms stipulated in the Tender Specification.

We confirm acceptance for the following:

19	Freight up to Site	:	Transportation of the materials up to Site, will be arranged by the supplier, and prices are quoted keeping this in view. Loading of the materials and Unloading the same at site, shall be under the Supplier's scope only.
20	Transit Insurance	:	Insurance for Transport upto & delivery of the materials at Site, will be arranged by the supplier, against their own Open Insurance Policy and prices are quoted keeping this in view.
21	Pre dispatch Inspection (PDI)	:	As per APSPCL's terms stipulated in the Tender Specification
22	Validity of Offer	:	180 days from the date of opening of the bid
24	Payment	:	As per APSPCL's terms stipulated in the Tender Specification. (No deviations will be accepted)
25	Penalty/Recovery of Liquidated Damages	:	As per APSPCL's terms stipulated in the Tender Specification.
26	Part order	:	Not applicable
27	Price Variation	:	The prices quoted will remain 'FIRM' till execution of full order.
28	Rate Certificate	:	It is certified that prices quoted herein are the same as applicable to other Government Departments/ Public Sector Undertakings.
29	Guarantee period	:	The Supplied equipment shall be Guaranteed for satisfactory operation for a period of <b>24 months</b> from the date of receipt of equipment / material in good condition at site.
30	Technical documents viz, Drawings, QAP, MQP	:	Will be submitted, as per APSPCL's terms, stipulated in the Tender Specification
31	Tests & Test certificates	:	As per APSPCL's terms stipulated in the Tender Specification.
32	Interchangeability	:	It is certified that the quoted items are interchangeable (If applicable) with the items existing in APSPCL and if fails to interchange, the same shall be replaced free of cost.
34	5% Security Deposit / Performance BG	:	Will be submitted for 5% of the Order value, as stipulated in the Tender Specification.
35	Jurisdiction	:	As per APSPCL's terms.

36	Variation in quantity	: APSPCL at its sole discretion unilaterally can increase or decrease the quantity of any/all items of the tender by 10%. The bidder shall be acceptable to supply these quantities on the same price, delivery and terms and conditions offered.
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**Important Note:**

- (i) The Deviations/Variations if any, from the terms stipulated in this schedule (OR) from the Specifications/Requirements stipulated in the Tender Specification, shall be indicated clearly in the subsequent Schedule i.e., DEVIATIONS.

Otherwise, it will be construed that the requirements stipulated in the Tender Specification, are acceptable to the Bidder.

*Name of the  
Bidder*

:

*Signature of  
Authorized*

:

*Representative*

*Name*

:

*Designation*

:

*Seal of the Company*

*Date*

:

**Annexure-II**

**DEVIATIONS (Technical and Commercial)**

Bidder's Name and Address

To,

Andhra Pradesh Solar Power Corporation Pvt. Ltd

Dear Sir,

Sub: **APSPCL** – Procurement of spares for 220/33KV pooling stations at Kurnool, Kadapa, Anathapuramu-I & Anathapuramu-II Ultra Mega Solar Parks -A.P

Ref: **GeMTenderNoticeNo.01-2023-24/APSPCL/EE-Tech,Dt. 20.03.2024**

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We confirm that following are the only deviations and variations from any exception to specifications and tender documents for the above mentioned subject supplies against enquiry/Tender No.\_\_\_\_ which are irrespective of what-so-ever has been stated to the contrary anywhere else of our offer. These deviations and variations are exhaustive. Except for these deviations, the entire supplies shall be executed as per specifications and tender documents. Further, we agree those additional conditions, if any, found in our offer other than those stated below, save that pertaining to any rebates offered shall not be given effect to.

SlNo.	Description of Deviation	Ref. Of Page & Clause of Bid Documents	Monetary implications of the conditions, in case of withdrawal	
			(Rs. in figures)	(Rs. in Words)
	<u>(A) Technical</u>			
	<u>(B) Commercial</u>			

\*Note: Here the tenderer should indicate the amount of money, if any, which he would, charge extra (i.e. in addition to the rates quoted by him) for withdrawal of his conditions/deviations and accepting the condition as stipulated in tender documents. (Use additional sheet of the same size and format if necessary).

Name of the Bidder :  
Signature of Authorized :  
Representative :  
Name :  
Designation :  
Date :

Seal of the Company

### **Annexure-III**

### **PROFORMA OF GUARANTEE FOR EQUIPMENT PERFORMANCE**

The tenderer hereby guarantees the requirements of this specification.

If any of the requirements of the guarantees given are not fulfilled, the purchaser has the right to reject the equipment, and if capacity, performance and efficiency obtained during acceptance tests falls short of that guaranteed by the tenderer, the tenderer hereby affirms that such deficiency will be made good by rectifying/replacing the defective parts. All the replaced parts



shall be removed from the site. While the facility for making good the deficiency will be normally given once, the purchaser is entitled to reject the equipment in case of repeated failure to meet the guarantee as per the specification.

Name of the Firm:

Signature of the bidder:

Designation:

Date:

Seal of the Company